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CAMBORNE-REDRUTH URBAN DISTRICT COUNCIL



ACQ. 87

ANNUAL REPORT

OF THE

Public Health Department

1970

Dr. J. A. W. REID, M.B., Ch.B., D.P.H., M.R.S.H.,

Medical Officer of Health

Mr. C. F. BAXTER, M.A.P.H.I.,

Chief Public Health Inspector

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HEALTH COMMITTEE — 1970

Chairman — Councillor J. Ham

Vice-Chairman — Councillor D. A. Nurhonen

Councillor Mrs. B. WATERS

Councillor E. S. J. HOCKING

Councillor Mrs. A. M. WEEKS

Councillor S. J. JEFFREY

Councillor J. P. KELYNACK

Councillor F. BAWDEN

Councillor E. P. RULE

Councillor G. HARRIS

Councillor S. S. WILLIAMS

Councillor F. G. WELLS

Councillor R. J. BLAMEY

Councillor R. C. WHERRY

No. 2 HEALTH AREA SUB-COMMITTEE

CAMBORNE-REDRUTH MEMBERS

Councillor J. HAM

Councillor Mrs. A. M. WEEKS

Councillor G. HARRIS

Councillor Mrs. J. CLIFTON

CAMBORNE-REDRUTH URBAN DISTRICT

WELFARE COMMITTEE

Councillor J. HAM

Councillor S. JEFFERY

Councillor Mrs. A. M. WEEKS

Councillor F. BAWDEN

PREFACE

Public Health Department,
Council Offices,
CAMBORNE.

June, 1971

To the Chairman and Members of the Urban District Council

Mr. Chairman, Ladies & Gentlemen,

I have pleasure in presenting the 37th Annual Report of the Medical Officer of Health for the year 1970.

There was a further increase of 390 in the population to 38,770. The natural increase in population, excess of births over deaths, fell from 147 last year to 100. The percentage of illegitimate births fell by 1% from last year's figure of 9%. This is the first fall since the rate began to rise in 1966 and is double that of 1961. The change in the birth, stillbirth and death rates was minimal, but the deaths of infants under one year of age fell from 13 last year to 10. This gives an infant mortality rate of 16 per 1,000 live births for the Urban District as compared with 18 for England and Wales. 60% of these deaths were due to congenital defects or took place within 24 hours of birth. No maternal deaths occurred in 1970.

The vital statistics for the Urban District compare favourably with those for the country as a whole, there being a higher birth rate and a lower infant mortality and early neo natal mortality in Camborne-Redruth. The stillbirth rate and general death rate of the Urban District are slightly higher than that of England and Wales.

As regards the personal health services provided for this Community it is pleasing to record an increase in the use of the educational ante natal classes, but disappointing to record a fall in the number of women attending the cytology clinics. Efforts will need to be made to increase the use being made of this service by the age and social groups of women most vulnerable to cancer of the womb. The wish of mothers to have their babies in hospital continues to grow, consequently home births have declined to the low figure of 7%. In the autumn it was fortuitous that the use of the mass x-ray unit had declined in another area in Cornwall so that time became available for the re-commencement of this service in Camborne-Redruth. To date reasonable use has been made of it, but in order to keep this service the public must use it. With a further leap in the number of cases of lung cancer occurring nationally due to tobacco smoking, it is only prudent that all smokers should take the trouble to use this easily available service which can pick up the disease in its early stages and so avoid the misery, agony and disruption of a family whose breadwinner or his spouse has to endure an unpleasant, self-inflicted death in the prime of life.

Food Hygiene is an important element in the work of the Public Health Department and Mr. Baxter's note on page 44 underlines that the public is becoming more aware of the problem. With the annual figures for food poisoning illness needing medical attention declining, it must be stressed that over 90% of tummy upsets, amounting only to a few vague stomach pains, are probably due to germs on food consumed

some hours previously. These minor discomforts are due to faulty storage and preparation of food either in the retail shop or in the home. Proper food hygiene involves each one of us in the community each day of the week and cannot be completely successful unless the public, food traders, and health department all play their inter-related and dependant parts conscientiously. Co-operation between the Public Health Department and Food Traders in the Urban District is excellent and both have the same aims. Both are fully aware of the needs of fresh and safe food; wish to maintain and improve the standard of food hygiene; and welcome information from customers about food which may or has caused illness in the family.

In presenting this Annual Report for your District, I wish to express my thanks for the support of the Chairmen of the Committees, Members of the Committees, Officers of the Council, and the work of the staff of the Public Health Department and Health Area Office.

I am, Ladies and Gentlemen,

Your Obedient Servant,

J. A. W. REID,
Medical Officer of Health.

Health Area Office,
Rectory Road,
CAMBORNE.

Tel. Camborne 4221/7

To the Chairman and Members of the Urban District Council

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my report for the year ending 31st December, 1970.

There was far less loss of time in the Department due to sickness than in previous years and the time available resulted in an increase in the work carried out in connection with food hygiene. I feel certain that this work has resulted in considerably improved conditions, although much remains to be done. As a result of a report to the Council, the attention of the appropriate Ministry was drawn to the unsatisfactory type of coding used by the manufacturers of food stuffs. Unfortunately these codes are unintelligible to the average shopkeeper. Our efforts in this respect have been unsuccessful so far.

It is worthy of note that 651 properties had been connected to the newly constructed sewers in the St. Day and Lanner Ward by the end of 1970.

I am indebted to the following Officers for information and data which have been included under the section "Housing" in the report: Mr. D. H. Phillips, M.I.Mun.E., Engineer and Surveyor to the Council, Mr. J. Lenten, Housing Manager to the Council.

I am, Ladies and Gentlemen,

Your Obedient Servant,

C. F. BAXTER,
Chief Public Health Inspector

SECTION A

1. (a) Physical and Social Statistics

Area of the Urban District		Estimate	22,411 acres
		(Census 1961)	22,062 acres
Density — Houses per acre		(Census 1951)	0.61
		(Census 1961)	0.57
		Estimate 1969	0.61
Persons per acre		(Census 1951)	1.6
		(Census 1961)	1.6
		Estimate 1969	1.7
Number of families sharing a dwelling, Census 1961			52
Population —	Mid year estimate	1934	35,775
	Mid year estimate	1951	35,230
	Census population	1951	35,823
	Mid year estimate	1961	35,570
	Census population	1961	36,110
	Mid year estimate	1970	38,770
Dwellings			
(a) Houses	Total inhabited		14,640
	Total Council		2,098
	New Private Dwellings		359
	New Council Dwellings		51
(b) Caravans	Residential		214
	Seasonal only		162
	Total Caravans		376
	No. of Caravans on unlicensed sites		74
Ratio of houses to Residential Caravans			68 : 1
Provision of Services			
Percentage of dwellings on mains water, 1961 Census			92.1
Percentage of dwellings on water carriage sewerage, 1961 Census			81
Refuse Collection			
Percentage of dwellings which have house refuse collection			99.23
Revenue			
Rateable value of Urban District			£1,228,030
Product of penny rate			£5,037
Number of Marriages			335

(b) Analysis of Unemployed by Occupations

Mr. F. J. Williams, Manager of the Employment Exchange, has kindly supplied the following information:

**Analysis of Wholly Unemployed by Industries in which Last Employed –
December, 1970**

Industry	Camborne			Redruth		
	M	W	YP	M	W	YP
Agriculture & Horticulture	17	8	1	12	4	—
Fishing	8	—	—	—	—	—
Mining and Quarrying	27	—	—	23	—	—
Food, Drink, etc.	8	1	—	20	3	1
Coal and Petroleum Products/ Chemicals/Allied Industries (incl. Metal Manufacture)	7	—	—	6	1	—
Engineering and Electrical Goods	24	3	1	20	4	—
Shipbuilding & Marine Engineering	5	—	—	4	—	—
Vehicle Mnfr./Metal Goods (not elsewhere spec.)	8	1	—	9	—	—
Textiles	4	3	—	3	—	—
Leather, Leather Goods and Furs	7	—	—	6	1	—
Clothing and Footwear	—	—	2	4	1	—
Bricks, Pottery, Concrete Products etc.	7	2	—	9	3	—
Timber, Furniture, etc.	3	—	—	3	—	—
Printing and Bookbinding	1	—	—	2	1	—
Other Manufacturing Industries	—	—	—	5	—	—
Construction	41	—	—	90	—	1
Gas, Water and Electricity	10	1	—	5	—	—
Transport and Communication	28	4	—	27	1	1
Distributive Trades	43	9	3	47	16	5
Professional and Scientific Services	22	12	—	15	7	1
Entertainment and Sports	4	—	—	7	—	—
Catering, Hotels, etc.	20	20	1	17	11	3
Miscellaneous Services	10	4	—	8	3	2
Public Administration and Defence	16	1	—	25	3	—
Ex-Service	6	—	—	1	—	—
No Industry	14	5	2	34	6	6
TOTAL	340	74	10	402	65	20

M = Men

W = Women

YP = Young Persons

Analysis of Unemployed Disabled Persons as at 14th April, 1970

Suitable for Ordinary Employment – Section 1

	Men	Women
Surgical	38	3
Medical	30	1
Psychiatric	6	1
Others	7	2

Suitable for Employment under Sheltered Conditions – Section II

	Men	Women
Surgical	11	—
Medical	20	1
Psychiatric	3	—
Others	2	—

Number of Unemployed Registered Disabled Persons on Disabled Live File – month ended 7th December, 1970

	Men	Women	Boys	Girls	Total
Suitable for employment in open industry	91	6	—	—	97
Suitable for employment under Sheltered conditions	37	1	—	—	38

Number entering Industrial Rehabilitation Units and Government Training Centres during year ending 31st December, 1970

Men	Women	Boys	Girls
15	—	—	—

2. Vital Statistics

(a) Live Births	Males	Females	Total	Rate
Total	311	325	636	
Legitimate	292	296	588	
Illegitimate	19	29	48	
Birth Rate (Crude)				16.4
Comparability Factor				1.06
Adjusted Birth Rate (per 1,000 population)				17.4
Ratio of local and adjusted birth rate to national rate				1.09
Illegitimacy Rate (% Live Births)				8
(b) Still Births	Males	Females	Total	Rate
Total	4	5	9	
Legitimate	4	3	7	
Illegitimate	—	2	2	
Still Birth Rate (per 1,000 total live and still births)				14
Still Birth Rate (per 1,000 estimated resident population)				0.23
Total Live and still births			645	

(c) Deaths (excluding Still Births)

	Males	Females	Total	Rate
All Causes	268	268	536	
Death Rate (Crude)				13.8
Comparability Factor				0.88
Adjusted Death Rate (per 1,000 population)				12.1
Maternal Deaths				Nil
Maternal Mortality (per 1,000 total live and stillbirths)				Nil

(d) Deaths of Infants under One Year

Total	5	5	10	
Legitimate	5	5	10	
Illegitimate	—	—	—	
Infant Mortality (per 1,000 live births)				16.00
Legitimate Death Rate (per 1,000 legitimate births)				17.00
Illegitimate Death Rate (per 1,00 illegitimate births)				Nil

(e) Deaths of Infants under 4 Weeks of Age

Total	4	4	8	
Legitimate	4	4	8	
Illegitimate	—	—	—	
Neo Natal Mortality (per 1,000 total live births)				13.00

(f) Deaths of Infants Under 1 Week

Total	3	3	6	
Legitimate	3	3	6	
Illegitimate	—	—	—	
Early Neo-Natal Mortality (per 1,000 total live births)				9.00
Perinatal Mortality (still births and deaths under 1 week combined per 1,000 total live and still births)				23.00

(g) Infant Mortality — Causes and Ages at Death

	1 day & under	1-6 days	1-4 weeks	1-6 mths.	6-12 mths.	Total
Difficult labour	—	—	1	—	—	1
Congenital Anomalies	1	1	—	1	—	3
Pneumonia	—	—	—	1	—	1
Other causes of						
Perinatal Mortality	2	1	1	—	—	4
Hernia	—	1	—	—	—	1

(h) Principal Causes of Deaths

	Males	All Ages Females	Total	Percentage of Total Deaths
Heart	115	88	203	37.5
Cancer	51	50	101	18.8
Cardio-Vascular Disease of the Central Nervous System	24	56	80	14.9
Respiratory	38	23	61	11.3

For 1970 the Registrar General has prepared rates for England and Wales which can be compared with the Urban District rates. The following table shows that the Birth, Death and Stillbirth rates are higher than those for the country as a whole.

	England and Wales 1970 Rate per 1,000	Camborne-Redruth 1970 Rate per 1,000
Live Births	16.00	17.4
Still Births	13.00	14.00
Deaths	11.7	12.1
Infant Mortality (deaths under 1 year)	18	16
Neo-Natal Mortality (deaths under 4 weeks)	12	13
Early Neo-Natal Mortality (deaths under 1 week)	11	9
Perinatal Mortality (still births and deaths under 1 week)	23	23

(ii) Causes of Death at Different Periods of Life During 1969 in Camborne-Redruth Urban District

	Sex	All Ages	Under 4 weeks	4 weeks & under		1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 or over
				1 year	1 year									
B4	Enteritis and other Diarrhoeal diseases	M	-	-	-	-	-	-	-	-	-	-	-	1
B5	Tuberculosis of respiratory system	F	2	-	-	1	-	-	-	-	-	-	-	1
B17	Syphilis and its Sequelae	M	-	-	-	-	-	-	-	-	-	-	-	-
B19	Malignant neoplasm, buccal cavity etc.	F	1	-	-	-	-	-	-	-	-	1	-	-
B19	Malignant neoplasm, Oesophagus	M	2	-	-	-	-	-	-	-	1	-	-	-
B19	Malignant neoplasm, Stomach	F	1	-	-	-	-	-	-	-	1	-	-	-
B19	Malignant Neoplasm, Intestine	M	4	-	-	-	-	-	-	-	2	-	-	2
B19	Malignant Neoplasm, Lung, Bronchus	F	5	-	-	-	-	-	-	2	1	-	-	3
B19	Malignant neoplasm, Breast	M	5	-	-	-	-	-	-	1	1	-	-	1
B19	Malignant Neoplasm, Uterus	F	8	-	-	-	-	-	-	1	3	-	-	5
B19	Malignant neoplasm, Prostate	M	15	-	-	-	-	-	-	1	6	-	-	2
B19	Leukaemia	F	7	-	-	-	-	-	-	-	1	-	-	1
B19	Other Malignant neoplasms	M	-	-	-	-	-	-	-	-	-	-	-	-
B20	Benign & unspecified neoplasms	F	9	-	-	-	-	-	-	-	1	-	-	4
B21	Diabetes Mellitus	M	6	-	-	-	-	-	-	-	2	-	-	2
B46	Other endocrine etc. diseases	F	4	-	-	-	-	-	-	-	1	-	-	3
B46	Mental disorders	M	1	-	-	-	-	-	-	-	-	-	-	-
B24	Meningitis	F	4	-	-	-	-	-	-	-	1	-	-	1
B46	Multiple Sclerosis	M	1	-	-	-	-	-	-	-	-	-	-	-
B46	Other diseases of Nervous System	F	4	-	-	-	-	-	-	-	1	-	-	-
B26	Chronic Rheumatic Heart disease	M	3	-	-	1	-	-	-	-	1	-	-	1
B27	Hypertensive Disease	F	3	-	-	-	-	-	-	1	-	-	-	-
		F	6	-	-	-	-	-	-	-	1	-	-	1
		F	5	-	-	-	-	-	-	-	2	-	-	3

[illegible]

(j) Road Accidents

I am indebted to Sgt. W. R. Tabb, Accident Prevention Officer, Truro Police Station, for the following table:

Month	Fatal	Serious Injury	Slight Injury
January	—	11	16
February	—	5	21
March	1	5	16
April	1	9	15
May	1	5	13
June	1	2	12
July	—	11	26
August	—	17	20
September	—	9	9
October	—	11	22
November	1	3	13
December	—	9	20
TOTAL	5	97	203

(k) Accidents in the Home

Ten children, four boys and six girls, whose aged ranged from one year to five years suffered home accidents.

In all cases the families were adequately housed and in two cases the mothers went out to work.

Cause of Accident	Age and Sex				
	1 yr.	2 yrs.	3 yrs.	4 yrs.	5yrs.
Fall	—	1M	2M	1M	—
	1F	1F	2F	—	1F
Drugs	—	—	1F	—	—

In the largest family there were four children. Two families had three children and four families consisted of two children. In three instances the victim was an only child.

(l) Drownings

One person was drowned on the Urban District beach last year.

3. Summary of Area Statistics

General	STATISTICS					
	Camborne- Redruth	Kerrier	Helston	Area No.2 Total 1970		
Area in Acres	22,411	90,989	4,017	117,417		
Population	38,770	22,970	10,190	71,930		
No. of inhabited houses	14,640	8,559	3,045	26,244		
No. of Council Houses	2,098	935	680	3,713		
Vital						
No. of Births	636	278	271	1,185		
Standardised Birth Rate	17.4	13.2	21.5			
No. of Stillbirths	9	3	3	15		
Stillbirth Rate (per 1,000 live and stillbirths)	14	11	11			
Infant Deaths	10	6	7	23		
Infant Mortality Rate	16.00	22	26			
Maternal Mortality	NIL	NIL	NIL			
Maternal Mortality Rate (per 1,000 live and stillbirths)	NIL	NIL	NIL			
No. of Deaths	536	278	122	936		
Standardised Death Rate	12.1	11.5	10.1			
Principal Causes of Death (percentage of Total Deaths)						
(a) Infants under 1 year						
Malignant neoplasms	Nil	Nil	14.29	4.34		
Hernia	10.00	Nil	Nil	4.34		
Other causes of Perinatal mortality	40.00	Nil	Nil	17.40		
Pneumonia	10.00	Nil	Nil	4.34		
Birth Injury & difficult labour	10.00	33.36	42.84	26.10		
Congenital	30.00	16.66	14.29	21.74		
Accident	Nil	16.66	14.29	8.70		
Respiratory	Nil	16.66	14.29	8.70		
Disease of Skin	Nil	16.66	Nil	4.34		
(b) All Ages						
Respiratory	11.3	8.6	7.3			
Cancer	18.8	18.3	19.8			
Heart	37.5	39.9	24.6			
Cardio-vascular disease of central nervous system	14.9	15.8	30.3			
Accident Deaths	C.R.U.D.C.		H.B.		K.R.D.C.	
	Male	Females	M	F	M	F
Motor Accidents	6	3	—	4	4	1
All other accidents	3	7	1	3	4	—
Suicide and self-inflicted injuries	3	1	1	—	1	—

Infectious Diseases

Tuberculosis

Notifications — (new cases only)

Respiratory	6	3	Nil	9
Non-respiratory	1	—	1	2

Incidence Rate —

Respiratory	0.15	0.13	Nil	
Non-respiratory	0.03	Nil	0.1	

Other Infectious Diseases

Viral Encephalitis	4	—	—	4
Measles	457	175	124	756
Scarlet Fever	3	2	—	5
Whooping Cough	—	2	—	2
Dysentery	—	—	1	1
Infective Hepatitis	—	1	1	2
Meningitis	1	—	—	1
Salmonella Infection	1	1	5	7
Streptococcal Infection	1	1	—	2

Rates are given per 1,000 population.

SECTION B

GENERAL PROVISION OF HEALTH SERVICES IN THE URBAN DISTRICT

1. Local Sanitary Services

(a) Staff

(i) Camborne-Redruth U.D.C. (Local Sanitary Authority)

Medical Officer of Health and Area Medical Officer,

Dr. J. A. W. REID, M.B., Ch.B., D.P.H., M.R.S.H.

Chief Public Health Inspector

Mr. C. F. BAXTER, F.A.P.H.I.

Public Health Inspectors

Mr. H. C. THOMASON, M.A.P.H.I.

Mr. W. R. REASON, M.A.P.H.I.

Mr. G. GRAHAM, M.A.P.H.I.

Mr. A. LLOYD, M.A.P.H.I.

Mr. R. R. WHEELER, M.A.P.H.I.

Technical Assistants

Mr. C. P. FORD

Mr. R. WILLOUGHBY

Authorised Meat Inspectors

Mr. W. B. JENKIN

Mr. J. O. MANKEE

Mr. R. E. STEPHENS (comm. Dec. 1970)

Clerical Staff

Mr. C. HOUSE

Miss M. BODILLY

Mrs. C. A. TIPPETT

Superintendent

Mr. S. K. CHENOWETH

Rodent Operator

Mr. W. F. MATTHEWS

Caravan Site Warden

Mr. C. R. PENALUNA

(ii) Cornwall County Council Staff (Local Health Authority)

Clinic Doctors

Dr. M. M. COOK, M.D., D.T.M. & H.

Dr. F. H. SMITH, M.B., Ch.B.

Dentists

Mr. J. E. KENNY, L.D.S.
Mrs. GOODYEAR, L.D.S.

Dental Auxiliary

Mrs. GLASSON (Res. Dec. 1970)

Dental Attendants

Mrs. D. J. SWAINSON (comm. Jan. 1970)
Miss S. PRISK

Assistant County Nursing Officer

Miss V. M. GRAHAM, S.R.N., S.C.M., Q.N.S., H.V.Cert.

Health Visitors

Miss P. M. LUCKES (T.B. health visitor)
Miss L. A. PRYOR
Miss M. J. WILLIAMS
Miss M. E. SHADE (Ret. June 1970)
Mrs. G. M. CRUTCHFIELD
Miss B. ANGOVE
Miss J. POWELL
Mrs. P. TONKIN

District Nurse/Midwives

Miss P. M. CRABB
Miss M. DENT
Mrs. F. KING
Miss L. ROBSON (Ret. Oct. 1970)
Miss P. TAYLOR
Mrs. B. KINSMAN
Miss F. GRAY
Mrs. E. M. MOYLE
Mrs. B. HOCKING (comm. Oct. 1970)

District Male Nurse

Mr. C. PETTY

Home Help Organiser

Mrs. P. R. PHILLIPS

Mental Health & Welfare Officers

Mr. H. R. McVAY (Senior Mental Health & Welfare Officer)
Mr. T. H. E. BECKETT
Mr. K. J. HUNT (Study Leave)
Mr. C. T. HARVEY
Miss L. BRAMMER
Mrs. V. ROGERS

Social Case Worker

Mrs. S. Meyer

Family Welfare

Mrs. G. WAKEHAM

Mrs. E. DOWLING

Mrs. G. BROWN

Mrs. B. SMYTH

Social Worker for the Blind

Miss M. A. TURNER

Clerical Staff

Mr. D. MAY

Mrs. V. E. PAUL

Mrs. S. M. TELLAM

Mrs. A. NICHOLLS (Part-time)

Miss M. KELLY

Mrs. M. LUKOWIAK

One quarter of the Medical Officer of Health's time is devoted to the Personal Health Services which are the function of No. 2 Area Health Sub-Committee of the Cornwall County Council. This Committee deals with the work of the County Council in the Urban District, and also in the Borough of Helston and the Rural District of Kerrier.

(b) Laboratory Facilities

Pathological and bacteriological specimens are sent to Dr. Barrow, Director, Public Health Laboratory, Royal Cornwall Infirmary, Truro, for examination. Examination of milk, water, ice cream and food products for cleanliness ensure they are free from bacteriological and other sources of infection. The following samples were sent during 1970:

Brucellosis	Milk samples	106
Meningitis	Throat Swabs	1
	Nasal Swabs	1
Food Poisoning	Faeces	4
Tuberculosis	Sputum	10
Food	Swabs	841
	Samples	3
Salmonella Infection	Faeces	3
Winter Vomiting	Faeces	16
	Vomit	2
Streptococcal Infection	N. & T. Swabs	19

(c) National Assistance Act, 1948 and (Amendment) Act 1951 – Section 47

Removal to suitable premises of persons in need of care and attention.

The Medical Officer of Health visited 17 old persons, 12 females and 5 males who were living alone and needing assistance.

All persons were supervised in their homes by the Nursing Staff and supported by the Home Help Service, Meals on Wheels, relatives and neighbours.

(d) Refuse Collection and Disposal

The following quantities of refuse were disposed of at the Council's Controlled Tip during the year.

Household and Trade Refuse	89,755 cu. yds.
General rubbish and highway sweepings	36,760 cu. yds.
TOTAL	<u>126,515 cu. yds.</u>

These figures show an increase over the 1969 totals of an additional 2,200 cu. yds. of household and trade refuse and 4,600 cu. yds. of general rubbish and highway sweepings. The trend of increase continues although not quite so sharply as between 1968 and 1969. The plat outside the Council's tip, which is available twenty-four hours a day and seven days a week, is proving most valuable and must be obviating considerable spoilage of waste land by indiscriminate tipping. Unfortunately, road-side tipping still continues and the Council are determined to prosecute offenders where sufficient information can be obtained for a successful prosecution.

The use of bulk refuse containers for refuse continues to be well supported and during the year 140 such bins were on hire showing an increase of 29 bins. The number of emptyings weekly were 354 showing an increase of 77 over the previous year.

During the year large container bins continued to be used in various parts of the area for the deposit of excess domestic and garden refuse.

(e) Rodent Control

Sewer Infestations

The treatment of sewers for rat infestation was carried out by test baiting in the Spring followed by a maintenance treatment with a further maintenance treatment in the Autumn. The results are as follows:

	No. of Manholes	Manholes baited	Poison baits taken
Spring Treatment			
Camborne	720	87	35
Redruth/Portreath	596	87	34
Illogan	374	33	21
Autumn Treatment			
Camborne	720	87	44
Redruth/Portreath	596	91	36
Illogan	374	33	17

Surface Infestations

The Council continued to treat infestations at domestic premises free of charge but charged for work at business premises. All contracts for dealing with infestations at large premises consisting of warehouses, slaughterhouses, factories, etc. were renewed during the year.

The following table shows the extent of the work carried out during the year:

	Local Authority	Dwelling Houses	Agricultural	Business and other premises	Total
Number of properties in Local Authority's District	32	14,073	308	2,460	16,873
Number of premises inspected as a result of:					
(a) Notification	3	270	4	95	372
(b) Survey	6	565	6	23	600
(c) Primarily for some other purpose	23	914	10	975	1,922
Number of properties found to be infested by:					
(a) Rats — Major	—	—	—	—	—
Minor	7	583	8	76	674
(b) Mice — Major	—	—	—	—	—
Minor	—	29	—	25	54
Number of infested properties treated by Local Authority	7	612	8	101	728
Number of block control schemes carried out	—	—	—	—	—

Cesspool and Gully Emptyings

669 cesspools were emptied during the year. 2,907 gullies in the urban district were cleansed during the year. The reduction in gullies was a result of the Highways Department dealing with gullies on urban district roads and as a result of the use of an outside Contractor to help with the cleaning of cesspools was considerably restricted.

13,796 gullies were cleansed on roads maintained by the Cornwall County Council.

(f) Camborne Urban District Welfare Committee

This Committee, formed by members of voluntary and church organisations in the District and members of the Urban District Council co-ordinate the activities of the member organisations. Projects provided were books for housebound persons, home visits of the elderly, transport to hospital for relatives, gifts and christmas parcels for the elderly and handicapped.

(g) Health Education

Health Education is a function of the Local Sanitary Authority under Section 179 Public Health Act, 1936, and of the Local Health Authority under Section 28 of the National Health Service Act, 1946.

Posters and leaflets were displayed in clinics, doctors' surgeries and on Council notice boards.

The programme of talks for mothers and parents continued in the clinics throughout the year.

The Redruth Health Club has a membership of 26, with an average attendance of 15, meeting weekly for discussion, talks or films on all aspects of health, both mental and physical from the ante-natal period to adulthood.

Subjects have included: Place of Logic in a Woman's world, Child Guidance, Coping with a large Family, Gynaecology, Floral Art, Judo, The Unsupported mother, Occupational Therapy, Women in Prison, Permissive Society, Probation, The Samaritans, General Medical Practice, the Ideal patient, Debate - Should young mothers go out to Work, Talent spotting.

The Camborne Health Club has a membership of 22 with an average attendance of 19, meeting once a month.

Talks have included: My Ideal Woman, Young Children, Work and Place in Team, Milk Marketing Board, Orthoptic Work, Skin Treatment, A Cookery Demonstration, Slides on Bath and District Houses, Visit to Godolphin Manor.

2. Local Health Authority Services

Personal Health Services

The following Personal Health Services are provided under the National Health Service Act, 1946, by the Cornwall County Council and are administered through No. 2 Area Health Sub-Committee on which the Urban District is represented by four members.

(a) Care of Mothers and Young Children (Section 22)

Ante-natal guidance was provided as in past years.

The following educational classes for expectant mothers were held:

Sessions held during 1970	96
Mothers attending during 1970	230
Attendances during 1970	1,586
Average attendance per session	17

The following table shows the number of infants and toddlers who attended the clinic and the number of visits these children made to the clinic throughout the year.

Centre	1st Attd. during year of children born in		Born in previous 4 years	Total under 1 yr.	Attd. over 1 yr.	Total under & over 1 yr.	No. referred for special treatment
	Present Yr.	Last Yr.					
Redruth	189	181	234	1,413	765	2,178	55
Camborne	181	190	241	1,493	908	2,401	39
Illogan	53	63	93	501	457	958	9
St. Day	25	34	29	208	115	323	5
Troon	10	19	23	75	60	135	1

(b) Midwifery — Section 23

There are nine County Council midwives in the Urban District.

During the year they attended 48 confinements, which represents 7% of the total births. Last year 59/ expectant mothers had their babies in hospital.

150 cases were discharged before the tenth day, including 19 at 48 hours from the Maternity Hospital to the care of the domiciliary midwife.

140 sterilised maternity packs were issued free during the year.

180 early discharge maternity packs were issued free during the year.

The following number of ante-natal and post natal visits were made during the year:

Post Natal	725	
Ante-Natal	2,108	
	Domiciliary	Hospital
Total Births	48	597
Full Time	46	563
Stillbirths	—	9
Premature stillbirths	—	4
Premature live births	2	30
Neo-Natal Deaths	1	7
Other Infant Deaths	—	2

Relaxation Classes

The number of persons attending during 1970 was 230. This represents 36% of all women expecting babies within the calendar year.

Family Planning

Redruth Family Planning Clinic

The Secretary of the Family Planning Clinic at Redruth has kindly supplied the following information of the above clinic. During the year 492 patients attended at least once and 195 new patients attended being referred as follows:

80	General Practitioner
20	Health Visitors
66	Transfers from other clinics
29	Other patients or friends

These patients attended 40 sessions at which 120 smears for cytology were taken.

Camborne Family Planning Clinic

The Secretary of the Camborne Family Planning Clinic has kindly supplied the following information — During the year 208 new patients were seen, being referred as follows:

21	Offically referred
53	Friend or patient
55	Family Doctor
37	F.P.A. transfer
42	Other sources

These patients attended 36 sessions at which 135 cytological smears were taken.

Cervical Cytology Clinic

During the year 9 clinics were held at which 185 patients were examined.

18 women were referred to their Family Doctor for advice on incidental minor conditions.

(c) Health Visiting — Section 24

Seven full-time Health Visitors work in the Urban District, the following is a summary of work carried out by them:

Domiciliary Visits	15,507
Attendance at Clinics	474
Attendance at Schools	705
Attendance at T.B. Clinics	91
Surgery Work	519

(d) Home Nursing — Section 25

9 full-time Home Nurses and one part-time were engaged in district nursing in the Urban District during 1970, and they made 28,405 home visits.

Surgery Visits	919
General	23,142
Ante-natal visits	2,108
Others	1,530
G.P. A/N Clinics	141
G.P. Patients Treated & Advised	565

(e) Vaccination and Immunisation – Section 26

The following table gives the number vaccinated and immunised at the clinics in the Urban District:

	Local Health Clinics
Poliomyelitis – Full course oral	323
Poliomyelitis – Oral booster	339
Diphtheria/Whooping Cough/Tetanus – Primary	237
Diphtheria/Tetanus – Primary	31
Diphtheria/Tetanus – Booster	261
Smallpox – Primary	128
Measles	275

(f) Ambulance – Section 27

The County Ambulance Staff and members of the St. John's Ambulance Service shared the manning of the Redruth depot during each 24 hours period.

(g) Prevention of Illness, Care and After Care – Section 28

1. Nursing Equipment

Cases discharged from hospital and requiring after care are treated by the Home Nurse or supervised by the health visitor. Sick room equipment such as urine bottles, bed-pans, bed rests, air cushions, mattresses, rubber sheeting can be had on loan.

2. Hospital – After Care

The Assistant County Nursing Officer liaises with the hospital staff at Redruth General Hospital and Maternity Unit and Barncoose Hospital. Background reports of home and social conditions are made available to the medical staff and advance requests are made for home nursing, home help, or supervisory visits which the patient may require on discharge.

3. Mental Health & Welfare Social Workers

To carry out the provisions of the National Assistance Act, 1948, six Welfare Officers and four Family Welfare Workers work in Area 2. The Family Welfare Worker devotes her time to problem families.

Under the Mental Health Act, 1960, the same Officers provide for admission to hospital of all mentally ill patients, and mentally sub-normal persons, and their subsequent after care and rehabilitation in the community.

(h) Domestic Help Service — Section 29

At the beginning of the year, 145 cases were being served by Home Helps, 60 cases by Home Aids and 28 cases by Neighbourly Helps. At the end of the year the Home Help cases had increased by 7, Home Aid cases increased by 4 whilst Neighbourly Help cases decreased by 2.

The following table shows the number of cases assisted during the year:

180 cases were served by Home Helps
72 cases were served by Home Aids
32 cases were served by Neighbourly Helps

The bulk of cases were over 65 years of age. The remainder being maternity, chronic sick and illness.

(i) Meals on Wheels

Mrs. V. Price-Pearce is the County W.V.S. Meals on Wheels Organiser. The provision of meals in Camborne-Redruth throughout the year was as follows:

Camborne	2,667
Redruth	1,260
St. Day, Lanner and Carharrack	1,421
TOTAL	<u>5,348</u>

At the end of the year, a Meals on Wheels service was started in Portreath.

(j) Old People's Register

16 old persons, 11 females and 4 males were added to the register. At the end of the year the total number of old people known to the Public Health Department was 482.

Details of the new males and females were as follows:

Age	No.	Males-Females
66-70 years	3	3 females
71-75 years	4	1 female — 3 males
76-80 years	6	4 females — 2 males
86-90 years	3	3 females

Referrals — 1 person came to the notice of the Health Visitors in their district. The 15 remaining cases were referred by the hospital service, general practitioners relatives and neighbours.

Disability — 2 suffered from heart disease, 10 from frailty of old age, 1 from stroke, 2 from diabetes and 1 from cancer.

Living Alone — 14 of the old folk lived alone.

Housing — 8 of the cases lived in terraced houses, 1 in a Council flat, 2 in cottages 2 in bungalows and 1 in a caravan. No recommendation was made for rehousing.

(k) Problem Families

During the year supervision and help was given to 54 families in the Urban District.

4 families ceased to have Family Welfare help and 14 new families were added to the Family Welfare Workers' case loads.

3. (a) Hospital Service

The local services are administered by West Cornwall Hospital Management Committee on behalf of the South Western Regional Hospital Board, and the following are the hospital services for the area —

	Type	No. of Beds			
Meneage House, Helston	Chronic Sick	Female	42)	67	
		Male	25)		
Helston Cottage Hospital	General Practitioner	Female	5)	14	
		Male	4)		
		General	5)		
Redruth	Gynaecology & Obstetric	Gynae.	45)	73	
		Maternity	20)		
		Private	3)		
		Amenity	2)		
		Radiotherapy	2)		
		Staff	1)		
Barncoose	Acute Geriatric	Female	57)	76)	158
		Male	19)		
	Chronic Sick	Male & Female		82)	
	Psycho-Geriatric Assessment Unit	Male & Female		29	
Tehidy	Chest	Female	44)	114	
		Male	68)		
		Private	2)		
West Cornwall Hospital, Penzance	General	Female	29)	92	
		Male	28)		
		Child.	24)		
		Private	2)		
		Amenity	3)		
		Eye	6)		

	Type	No. of Beds		
Bolitho Maternity Home	Maternity			17
Edward Hain	General Practitioner	Female	7)	14
		Male	6)	
			1 Male/Female	
Poltair	Chronic Sick	Female	37)	
Treliske Hospital	Medical		90	
	Surgical		90	
	Maternity		100	

Infectious Diseases are admitted to R.C.H. (Treliske), Truro or R.C.H. (City).

(b) Mass X-Ray Unit

Re-commenced in Camborne - October, 1970.

Rectory Road, Camborne, 11.45 a.m. - 12.45 p.m. (once a month).

(c) Blood Transfusion — Results of Donor Sessions

I am indebted to Miss E. J. Cole, Regional Donor Organiser, Blood Transfusion Service, Bristol, for the following details:

	No. of Sessions	Donors Attending
Camborne	2	277
Redruth	4	516

4. General Practitioners Service

No change from previous year.

Venereal Disease

West Cornwall Hospital, Penzance	Thursdays 3 - 4 p.m.
Camborne-Redruth Hospital, Redruth	Thursdays 5 - 6 p.m.
Falmouth & District Hospital, Falmouth	Saturday 10-12 noon

SECTION C

ENVIRONMENTAL HYGIENE

(a) Water Supply

166 samples of the mains supply were taken by the Sampling Officer of the South Cornwall Water Board.

39 other samples were taken by the Public Health Department.

(b) Drainage and Sewerage

St. Day and Lanner Sewerage Scheme

A further 131 houses were connected to the new St. Day and Lanner Sewerage Scheme during the year, and the total number of such connections made since the scheme was completed in 1968 is 651.

(c) Sanitary Inspection

(i) Complaints

Choked sewers and drains	957
Unsatisfactory housing conditions	46
Unsatisfactory sanitation and drainage	11
Unsatisfactory water supply	2
Rats and mice	372
House refuse collection	185
Indiscriminate dumping of rubbish	21
Smoke nuisance	8
Noise Nuisance	4
Miscellaneous	47

(ii) Nuisances Abated, Defects Remedied

Premises connected to the sewer	166
New lengths of drain laid	1,310
Choked drains cleared	934
New waterclosets installed	156
Waterclosets repaired or renewed	5
Pail or pit closets abolished	15
Private disposal plants provided	38
New cesspools provided	4
Cesspools abolished	11
Defective roofs repaired	27
Eaves, gutters and downpipes repaired or renewed	5
Dampness remedied	27
Walls and ceilings repaired	13
Floors repaired	3
Window frames and sash cords repaired or renewed	5
Doors repaired or renewed	2

Water supply improved	12
Fireplaces, chimneys and flues repaired	9
External walls repaired	1
Other nuisances abated.	60

(iii) Disinfestation

A total of 140 visits were made to premises during the year to deal with infestations of fleas, cockroaches and ants. Treatments were carried out by spraying with an insecticide and also by painting with a special type of lacquer.

(iv) Infectious Diseases

A total of 122 visits were made following notifications of infectious diseases.

(d) Factories Act, 1961

(1) Inspections made by Public Health Inspector for purpose of provisions as to health:

Premises	Number on Register	Inspections	Number of Written Notices	Occupiers Prosecuted
i Factories in which Sections 1,2,3,4, and 6 are to be enforced by Local Authority	2	2	—	—
ii Factories not included in (i) in which Section 7 is enforced by the Local Authority	169	48	13	—
iii Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' Premises)	21	39	—	—
	192	89	13	—

(2) Cases in which defects were found

Particulars	No. of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	13	13	—	—	—
Overcrowding	—	—	—	—	—
Unreasonable temperature	—	—	—	—	—
Inadequate ventilation	—	—	—	—	—
Ineffective drainage of floors	—	—	—	—	—
Sanitary Conveniences:					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to outwork)	—	—	—	—	—
	13	13	—	—	—

(3) Outworkers

Notifications of 9 outworkers said to be engaged in making of wearing apparel were received by the Council during the year. All premises were inspected and found to be satisfactory.

(e) Offices, Shops and Railway Premises Act, 1963

During the year, a further 18 premises were registered under the above Act, and these premises together with those already registered were inspected to ensure that the requirements of this Act were being observed. In all 864 visits were made to premises during the year 1970.

The following tables show the number and type of premises registered together with the number of male and female employees.

REGISTRATION AND GENERAL INSPECTIONS

Class of premises	No. of premises registered during the year	No. of premises registered at end of year	No. of premises receiving Gen. Inspection
Offices	4	69	1
Retail Shops	13	272	—
Wholesale shops, warehouses	1	26	1
Catering establishments open to the public, canteens	—	20	—
Fuel Storage Depots	—	2	—
TOTAL	18	389	2

ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES BY WORK-PLACE

Class of Workplace	Number of persons employed
Offices	760
Retail Shops	1,135
Wholesale departments, warehouses	253
Catering establishments open to the public	160
Canteens	3
Fuel Storage depots	8
TOTAL	2,319
Total Males	1,031
Total Females	1,288

Accidents

Nine accidents were reported during the year but investigations in all cases showed that the accidents were in no way due to neglect on the part of the particular occupiers of the premises concerned.

(f) Inspection of Animal Premises

Pet Animals Act, 1951

Five licences were issued during the year in connection with shops where pet animals are kept for sale.

Animal Boarding Establishments Act, 1963

Four licences were granted in connection with this Act during the year. Generally the establishments in this area are quite small and no particular difficulties are being experienced.

Diseases of Animals (Waste Foods) Order, 1957

At the end of the year 14 Licensed Swill Boiling Plants were in operation in the area. Frequent visits were made to ensure that the provisions of the above Order were being observed.

Riding Establishments Act, 1964

Three Licences were renewed during the year following satisfactory reports from the Veterinary Surgeon employed by the Council.

SECTION D

HOUSING

(a) Housing Position in 1939

Prior to the 1939-45 War the Council owned 534 dwellings located as follows:

Camborne (Manor Road Estate)	258
Illogan (Killiers Field Estate)	78
Redruth (North Close Estate)	198
	534

(b) Post War House Erection

(i) Present Position

At 31st December, 1970 the following numbers of houses had been completed since the War:

(a) Traditional Dwellings

1.	North Close, Redruth	16
2.	Treleigh Estate, Redruth	95
3.	Tresavean Estate, Lanner	28
4.	Treloweth Road, Pool	28
5.	Paynters Lane End, Illogan	38
6.	Pengegon Estate, Camborne	74
7.	Crane Road, Camborne	69
8.	Illogan Estate, Illogan	203
9.	Weeth Estate, Camborne	198
10.	Four Lanes Estate, Redruth	16
11.	Cardrew Estate, Redruth	66
12.	Troon Estate, Camborne	52
13.	Park Bottom Estate, Illogan	48
14.	College Street, Camborne	24
15.	North Country, Redruth	91
16.	Grenville Estate, Troon	64
17.	Strawberry Lane, Redruth	23

(b) Permanent Non-Traditional Dwellings

1.	Prefabricated Aluminium Dwellings at Pengegon Estate	37
2.	Cornish Unit Dwellings at Pengegon Estate	70
3.	Cornish Unit shop and flats at Pengegon Estate	4
4.	Cornish Unit Dwellings at Treleigh Estate	130
5.	Cornish Unit Dwellings at Park Bottom Estate	38
6.	Cornish Unit Dwellings at Illogan Estate	36
7.	Cornish Unit Dwellings at Weeth, Camborne	50

(c) Temporary Dwellings

1. Prefabricated 'Arcon' Dwellings at Pengegon Estate	45
2. Prefabricated 'Aluminium' Dwellings at Pengegon Estate	20

(ii) Future Programme

1. **Pengegon Estate, Camborne** (In scheme — 42)
The erection of 42 dwellings (by Contract)
(In Course of construction)
2. **St. Day, Redruth** (in scheme — 18)
The erection of 18 dwellings (by Contract)
(In course of construction)
3. **Weeth (St. Meriadoc Road) Camborne** (In scheme — 22)
The erection of 22 dwellings (by Contract)
4. The Council owns land for Housing purposes at Troon, Roskear, Pengegon, Pool, Illogan Highway, Lanner, Carharrack, St. Day.

(d) Present Position

Pre-war Houses	534
Erected since the War	1,617
	<hr/>
	2,151
Houses sold to tenants	23
	<hr/>
	2,128
Other properties	24
	<hr/>
	2,152

Properties demolished

Huts at W.A.A.F. site	17	
Prefabricated aluminium dwellings at Pengegon Est. (Permanent)	7	
Prefabricated 'Arcon' dwellings at Pengegon Est. (Temporary)	4	
Prefabricated aluminium dwellings at Pengegon Est. (Temporary)	4	
Prefabricated aluminium dwellings at Strawberry Lane	22	54
		<hr/>
Houses owned by Council at 31st December, 1970		2,098

(e) Modernisation of Council houses

During 1970 twenty pre-war Council houses at Harmony Close, Redruth, were modernised making a total of 36 houses which have now been completed in this respect. This work is continuing.

(f) Private Enterprise

During 1970 a further 359 dwellings were completed by Private Enterprise making a total of 3,003 dwellings since the War.

At the time of preparing this Report there were 413 Private Enterprise Houses under construction in the Urban District.

(g) House Demolition

(i) Proceedings under Sections 16 and 17 of the Housing Act, 1957

(1)	Number of dwellings in respect of which Demolition Orders were made	3
(2)	Number of dwellinghouses in respect of which Closing Orders were made	18
(3)	Number of Local Authority owned houses certified unfit by Medical Officer of Health	Nil
(4)	Number of dwellinghouses demolished in pursuance of Demolition Orders and Closing Orders	4
(5)	Number of dwellinghouses in respect of which undertakings were accepted	Nil

(ii) Proceedings taken under Sections 42, 43 and 44 of the Housing Act, 1957

(1)	Number of dwellinghouses included in Clearance Orders	9
(2)	Number of dwellinghouses in Clearance Orders confirmed by Minister	Nil
(3)	Number of dwellinghouses in Clearance Orders which were demolished	12

(iii) Number of families rehoused from unfit dwellings during the year 13

(h) House Inspections

(1)	The total number of dwellinghouses inspected for housing defects	314
(2)	Number of inspections to dwellings	1,350
(3)	Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	34
(4)	Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	67

(i) House Repairs

(i)	Remedy of defects during the year without service of formal notices. Number of dwellinghouses rendered fit after informal action	45
(ii)	Action under Statutory Powers during the year.	

(a) Proceedings under Section 9 of the Housing Act, 1957

(1)	Number of houses in respect of which Notices were served requiring repairs	1
(2)	Number of dwellinghouses which were rendered fit after service of formal notices	
(a)	by owners	Nil
(b)	by local authority in default of owners	Nil

(b) Proceedings under Public Health Acts

(1)	Number of dwellinghouses in respect of which notices were served requiring repairs	31
(2)	Number of dwellinghouses which were rendered fit after service of formal notices	
(a)	by owners	5
(b)	by local authority in default of owners	Nil

During the year one house which had previously been declared unfit was brought back into use after extensive works of repair had been carried out to bring the property up to the required standard.

(j) House Improvements

1. Rent Acts

No work was carried out under the Rent Acts during the year.

2. Discretionary Grants

Number of applications received	34
Number of applications approved	34
Amount paid	£11,855
Total number of applications received since operation of scheme in 1955	1,065
Total amount paid to 31.12.70	£201,382.53

3. Standard Grants

	During 1970	Period 14.6.59 - 31.12.70
Number of applications received	166	1,157
Number of applications approved	134	975
Number of applications refused	—	14
Number of applications withdrawn before approval	17	137
Number of applications withdrawn after approval	3	41
Number of applications awaiting approval	31	31
Number of houses in which works were completed and grant paid	77	749

	During 1970	Period 14.6.59 - 31.12.70
Number of baths installed	73	678
Number of wash hand basins installed	72	676
Number of sinks installed	23	23
Number of hot water systems installed	75	719
Number of water closets installed	73	614
Number of food cupboards installed	23	650
Water supply for first time	2	3

942 visits were made during the year in connection with matters relating to Standard Grants.

Total amount paid up to 31st December, 1970 – £115,534.

4. Qualification Certificates – Housing Act, 1969

Improvement Cases

1.	No. of applications for qualification certificates under Section 44(2)	3
2.	No. of certificates of provisional approval issued	3
3.	No. of qualification certificates issued under Section 46(3)	Nil

Standard Amenities Already Provided

4.	No. of applications for qualification certificates under Section 44(1)	5
5.	No. of qualification certificates issued under Section 45(2) in respect of:	
	(i) dwellings with rateable value of £60 or more	Nil
	(ii) dwellings with rateable value of £40 to less than £60	3
	(iii) dwellings with rateable value of less than £40	Nil
6.	No. of applications refused	2

(k) Applications for re-housing

No. of tenancy applications – December 1970	540
No. of Council tenants transferred during 1970	62
No. of families housed during 1970	151

Classification of Families Housed during 1970

No home of own	41
Slum Clearance	9
Overcrowding	19
Medical reasons	5
Old Age Pensioners	35
Court Orders	2
Council Staff	1
Industrial Key Workers	28
Caravans	6

Wardens — O.A.P. Units	2
Council Mortgagors	1
County Council — Homeless Families	2

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(l) Housing Points Scheme

During 1970 some 223 applications for Council houses were dealt with by the Department and 519 visits were made to premises in connection with these applications. In addition to awarding points for overcrowding, houses were also inspected for defects and in a number of cases Notices were served on owners of properties requiring certain repairs to be carried out.

(m) Unsatisfactory Housing

During the year the Medical Officer of Health received reports on unsatisfactory housing circumstances in the Wards of the Urban District as follows:

Ward	No. of Reports
Redruth	10
Camborne	2
Illogan	3
St. Day	Nil

(n) Non-Traditional Housing

Caravans

At the end of 1970 there were 27 licensed caravan sites in the area covering altogether some 376 caravans.

The following table gives a general picture of the number and size of the caravan sites in the area:

Classification	Individual Sites	2-5 Caravans	6-10 Caravans	11-20 Caravans	Over 20 Caravans
Permanent Residential	5	1	1	2	4
Temporary Residential	5	2	1	—	—
Permanent Seasonal	—	2	2	1	3
Temporary Seasonal	1	1	—	—	—
TOTAL	11	6	4	3	7

In four cases permission is held for both seasonal and residential use and in these cases they have been included under both headings. This explains the difference between the number of sites quoted in the first paragraph and the number shown in the table above.

SECTION E

FOOD HYGIENE

(a) Milk

The Department is notified of the results of samples of milk taken in the area by the Cornwall County Council, The following table is a summary of the results of samples taken during 1970:

NUMBER OF SAMPLES TAKEN

Pasteurised	Sterilised	Untreated
108	7	3

RESULTS OF STATUTORY TESTS

Pasteurised	Satisfactory Sterilised	Untreated	Pasteurised	Unsatisfactory Sterilised	Untreated
106	7	2	2	—	1

Prevention of Brucellosis

There are 15 Retail Producers in the Urban District, 5 of which are Accredited Herds under the Ministry of Agriculture, Fisheries and Food Eradication Scheme. The Sampling Officer took 106 Bulk Milk Samples from these Producers. All the animals in two herds were individually sampled because of a positive Ring Test on bulk sampling.

One infected animals in each herd was excluded from the herd and routine bulk sampling continued throughout the year without evidence of spread of infection.

(b) Ice-Cream

4 new premises were reigstered for the sale of ice cream during 1970.

A total of 30 samples of ice cream were taken during the year and the results were as follows:

Provisional Grade 1	17
Provisional Grade 2	9
Provisional Grade 3	3
Provisional Grade 4	1

In the case where a Grade 4 result was obtained, the person concerned was visited and follow up samples showed an improvement

(c) Meat Inspection

Meat Inspection — Table I
Carcases Inspected and Condemned

	Cattle excl. Cows	Cows	Calves	Sheep and Lambs	Pigs
Number Killed	3,312	3,888	5,142	6,881	79,007
Number inspected	3,312	3,888	5,142	6,881	79,007
ALL DISEASES EXCEPT TUBERCULOSIS					
Whole carcasses condemned	8	40	22	20	197
Carcases of which some part or organ was condemned	985	1,880	5	545	11,038
Percentage of the number inspected affected with disease other than T.B.	29.98%	49.38%	0.53%	8.24%	14.22%
TUBERCULOSIS ONLY					
Whole carcasses condemned	1	5	—	—	—
Carcases of which some part or organ was condemned	62	181	1	—	1,363
Percentage of the number inspected affected with T.B.	1.90%	4.71%	0.02%	—	1.73%
CYSTICERCUS BOVIS					
Carcase of which some part or organ was condemned	33	41	—	—	—
Carcases submitted to treatment by refrigeration	2	4	—	—	—
Generalised and totally condemned	—	3	—	—	—

TABLE II — Meat Inspection — reasons for condemnation

1970	Number killed and inspected	Generalised T.B.	Localised T.B.	Dropsy and Emaciation	Injury & bruising	Parasitic	Arthritis	Pyæmia	Abscess & Tumours	Distomatosis	Actinobacillosis	Cavernous Angioma	Pleurisy	Pneumonia	Cysticercus Bovis	Erysipelas	Jaundice	Immaturity	Moribund	Fever	Septicaemia	Johnes Disease	Miscellaneous	TOTALS
BOVINES																								
Whole Carcases	7200	6	—	13	1	—	—	—	—	—	—	—	—	—	3	—	—	—	—	4	6	18	3	54
Part Carcases	—	—	27	—	22	—	4	—	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	59
Heads & Tongues	—	—	46	—	3	—	—	—	4	—	121	—	—	—	56	—	—	—	—	—	—	—	20	250
Lungs	—	—	139	—	—	49	—	—	41	—	—	524	27	40	—	—	—	—	—	—	—	—	—	296
Livers	—	—	20	—	—	26	—	—	155	1593	—	—	—	—	—	—	—	—	—	—	—	—	—	2318
CALVES																								
Whole Carcases	5142	—	—	1	—	—	—	10	—	—	—	—	—	—	—	—	—	—	3	2	2	—	—	22
Part Carcases	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Lungs	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Livers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SHEEP																								
Whole Carcases	6881	—	—	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	2	—	—	20
Part Carcases	—	—	1	—	3	—	8	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
Lungs	—	—	—	—	—	252	—	—	—	—	—	—	30	—	—	—	—	—	—	—	—	—	—	282
Livers	—	—	—	—	—	484	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	486
PIGS																								
Whole Carcases	79007	—	—	26	11	—	19	89	—	—	—	—	1	1	—	—	2	—	16	6	23	—	2	197
Part Carcases	—	—	—	—	185	—	620	—	452	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1257
Heads & Tongues	—	—	1348	—	—	—	—	—	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1410
Lungs	—	—	—	—	—	—	—	—	—	—	—	—	5796	1313	—	—	—	—	—	—	—	—	—	7109
Livers	—	—	—	—	—	6303	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6303
TOTALS	98230	6	1581	55	227	7114	651	99	718	1593	124	524	5854	1354	59	1	2	4	19	15	33	18	27	20074

Meat Inspection

It will be noted that incidents of tuberculosis in beef cattle have again risen, but the incidents in cows have fallen by nearly 1%. The Reactors in West Cornwall continued to be slaughtered within the urban area. The total number of animals slaughtered in the area has continued to fall, but during the past year the fall has been reduced to 2,000. It is interesting to note that over 2,000 more pigs were slaughtered in 1970 than in 1969. The reductions are accountable for the fall in kill of calves and sheep. One hundred per cent meat inspection continues to be maintained.

(d) Other Foods

A total of 262 visits were made to shops and premises other than slaughterhouses in connection with the examination and condemnation of food for human consumption.

Canned vegetables	707 lbs.
Fresh vegetables	2,777 lbs.
Fresh fruit	78 lbs.
Canned fruit	1,991 lbs.
Canned meat and fish	2,241 lbs.
Canned milk	13 lbs.
Miscellaneous canned foods	691 lbs.
Cereals	—
Dried fruit	33 lbs.
Meat and fish	5,101 lbs.
Miscellaneous foods	13,628 lbs.
	<hr/>
	27,260 lbs.

Total weight of food condemned: 12 tons 3 cwts. 1 qr. 16 lbs.

(e) Food Premises

The Food Premises Register now contains records of premises as follows:

Grocers	165
Butchers	37
Restaurants etc.	27
Fish and Chip Shops	28
Confectioners	46
Bakehouses	8
Green Grocers and Fruiterers	23
Licensed Premises	56
School Kitchens	21
Factory Canteens	8
Miscellaneous	18
Food premises registered for the storage and sale of ice cream	275

Premises registered for the manufacture of ice cream	2
Premises registered for the manufacture of sausages	81

(f) Food Premises Hygiene

During 1970, 877 visits were made to food premises in connection with matters concerning hygiene. This is nearly three times as many visits as were paid in the previous year and is about the number which should be made year by year.

Regular swabs of surfaces, utensils and furnishing were taken at premises throughout the area and 978 such swabs were analysed by the Public Health Laboratory at Truro. Since taking regular swabs we have persuaded the managements of these premises to use detergent sterilents as against plain detergents for cleaning purposes and the bacteriological standard of shops has improved immensely.

(g) Unsatisfactory Food

During the year under review, twenty-six items of food were brought to the office by the public, either to question their fitness for human consumption or because of foreign bodies in them. This is a big increase over previous years and, I think, shows the awareness of the public to food hygiene and public health in general. All the cases were thoroughly investigated and this frequently meant going back to the place of production, where the Public Health staffs in the areas concerned were asked to co-operate in the general investigation. The main troubles appeared to occur either during distribution or because of bad stock rotation in the individual retail premises. Various improvements were made as a result of the investigations carried out during the year. One case of foreign matter in food was taken before the Magistrates Court and a fine of £50 with £10 costs was the result of this successful case taken in connection with glass in a "Nelson Square".

In view of the cases reported above, my Council felt that the practice of using codes by manufacturers to show date of manufacture was unsatisfactory. Almost without exception manufacturers use codes which are unintelligible to anyone who has no access to the key of the code; practically every manufacturer uses a different code. The shopkeeper is placed in an almost impossible position as far as stock rotation is concerned, and knowing when a particular food has run its normal shelf life. We have advised shopkeepers to code all items upon delivery, but in the small man and wife business this is a task which is often beyond them. My Council felt strongly enough concerning this matter to write to the Ministry of Agriculture, Fisheries and Food stressing the importance of legible and readily understandable codes. To date we have been unsuccessful in our efforts to obtain something which, in my opinion, is a must as far as the food industry is concerned.

SECTION F

GENERAL EPIDEMIOLOGY

The turning of the year saw two episodes which were liable to have some effect on the health and well-being of old persons — the electricity strike in December and, following it's resolution, a period of very cold weather. Plans were made for portable heating and an extension to the Meals on Wheels service. In the event a greater demand for Meals on Wheels did not arise, but during the cold weather 5 cases of Hypothermia in old persons came to the notice of the Medical Officer of Health. Two of these cases needed hospital treatment and the remainder responded to home supervision and extra heating. During the cold weather one person steadfastly refused to use the modern heating arrangements in her Old Persons Bungalow because she had insufficient money to meet fuel bills. It is an indictment of present day society when old folks feel they have to restrict the use of modern heating arrangements or simply not use them for fear of running up high fuel bills which they cannot meet in cold winter months from a meagre pension. This state of affairs is beginning to be apparent and if it is not to increase, the rent of modern Old Persons Bungalows built to the Parker Morris standard must include the cost of adequate heating for the house.

Adverse weather conditions prevailed throughout 1970. The summer was sunless, the autumn wet and a severe cold spell occurred at Christmas. Measles was the most prevalent infectious disease lasting from April to July.

Measles

Immunisation against this disease commenced in February, 1968 and one year later a shortage of vaccine delayed the programme of protection for primary school children until the beginning of 1970. The two year cycle of this disease was expected in 1969 and the small number of children protected could not prevent an epidemic. However, only 73 cases of measles occurred in 1969 and this year the epidemic involved 457 children. It commenced in March reaching a peak in June and ceased in September. Most cases occurred in the age group 6/10 years and 50% of the cases occurred in pre-school children. These characteristics are similar to the ones recorded in previous epidemics during the 1960's. It is not likely that sufficient children will be protected before 1973 in order to influence the previous two year cycle of epidemics.

Salmonella

In August one case of Food Poisoning was notified. No bacterial cause was found for this illness.

At the end of September a person working with poultry known to be infected with Salmonella Angona had a sharp febrile illness with gastro-intestinal symptoms. No evidence of bacterial or viral infection could be demonstrated.

A mother and her 3 year old child had nervous and gastro-intestinal symptoms

after eating ice-lollies. Laboratory investigations could not demonstrate that ice-lollies from the same source were responsible for this sharp illness.

Virus Infection

E. Coli 0125 was isolated from two children in hospital when routine faeces samples were obtained. Follow up faeces samples showed this carrier state to be transient.

Three children were investigated in hospital for viral encephalitis. One adult was notified as suffering from this disease one month later.

Winter Vomiting was prevalent between May and July in schools in the Redruth Ward. 4 cases occurred in Pool County Secondary School in June and the same number in East End Junior School in April. 15 further cases occurred in East End School in July. Treleigh School was infected during the first week in May with a viral infection which mainly showed gastro-intestinal symptoms, but in a number of children sore throats were a predominant symptom. 145 out of 200 children on the roll had mild or moderately severe symptoms of this viral infection. Two members of the teaching staff were affected. Simultaneously two cases of Scarlet Fever occurred in the school. Investigation of 7 cases of sore throats failed to identify a bacterial cause. A sample of school meals and the investigation of the catering staff showed no evidence of food poisoning.

Impetigo

4 cases of Impetigo occurred in one school. Spread of infection was restricted as paper towels are used in the school and daily screening of the children for skin lesions was carried out by the School Nurse.

Infective Hepatitis

One mild case of Infective Hepatitis occurred in a new comer into an Old Persons Home in Camborne. The origin of the infection was outside the Old Persons Home. No further case occurred in the Home.

Scabies

This disease was prevalent again during 1970. In December, 1969, checks were carried out on the 66 trainees and their families attending the Adult Training Centre in Redruth following the occurrence of a case of Scabies. No further case occurred in this community. The origin of the infection was traced to a person who had the disease 6 weeks previously. Six families were investigated and treated for Scabies throughout the year. One family consisting of 9 persons were all suffering from the disease when first seen by the G.P.

Whooping Cough

The case of Whooping Cough had not been immunised.

Anthrax

One notice declaring and defining infected places was received. Anthrax was not confirmed.

Smallpox

Three families were kept under surveillance during the year.

Pulmonary Tuberculosis

6 new cases of Pulmonary Tuberculosis were notified throughout the year, giving a case incidence of 0.15 per 1,000 population.

HOUSEHOLD CONTACTS

Pre-School	School	Adolescents	Adults	Others	Total
—	3	—	6	29	38

Tuberculosis Register

	Beginning of year		End of year	
	No. of cases of		No. of cases of	
	Tuberculosis on Register		Tuberculosis on Register	
	Non-		Non-	
	Respiratory	Respiratory	Respiratory	Respiratory
Males	55	9	59	10
Females	25	6	32	6
TOTALS	80	15	91	16

Removals from Register during year

	Respiratory		Non-Respiratory	
	Males	Females	Males	Females
Removed from district	—	—	—	—
Recovered	—	—	—	—
Died	4	—	—	—
TOTALS	4	—	—	—

New cases during the year

Age Period	Respiratory	
	Males	Females
Under 1 year	—	—
1 to 4 years	—	—
5 to 14 years	—	—
15 to 24 years	—	—
25 to 34 years	—	—
35 to 44 years	—	1
45 to 54 years	—	—
55 to 64 years	3	1
65 and over	—	1
TOTALS	3	3

Contact Tracing and Protection

During 1970 12 persons were given B.C.G. as a result of contact tracing.

Table "A" gives a summary of the protection of children in Secondary Schools.

TABLE "A" — B.C.G. Vaccination of School Children in Camborne-Redruth

School	Estimated No. in Age Group	Consented No. %	Given Skin Test No. %	Positive Reactors No. % 1 2-4	Given B.C.G.	No. Absent for B.C.G.
Tolgus Secondary Modern	213	184 86.39	140 76.09	1 19 14.29	103	14
Trewirgie Secondary Modern	68	64 94.12	44 68.75	1 7 18.18	33	3
Curnow Training Centre	4	4 100	4 100	— —	—	4
Treswithian Secondary Modern	257	202 78.6	167 82.67	2 21 13.77	131	10
Redruth Grammar	101	95 94.06	94 98.95	— 13 13.83	71	6
Pool Secondary Modern	87	82 94.25	69 84.15	1 10 15.94	55	2
Camborne Grammar	110	98 89.09	84 85.71	1 7 9.52	71	2
Trevenson College	310	257 82.9	215 83.66	10 132 66.05	49	34
TOTALS	1,150	986 85.74	817 82.86	16/209 27.54	513	75

TABLE "B" — Rubella Vaccinations — Camborne Redruth Secondary Schools — 1970

	Est. No. in Age Group	Total Consents	% Cons. of Total	Cons. for Vacc. at School	Vacc. At School	%	To be Vacc. by G.P.	No. absent or deferred
Camborne Grammar	86	82	95.35	76	67	88.1	6	9
Treswithian County Secondary School	42	37	88.1	34	25	75.33	3	9
Pool County Secondary School	41	32	78.05	30	26	86.67	2	4
Trewirgie County Secondary School	21	16	76.11	15	12	80.00	1	3
Tolgus County Secondary School	43	41	95.35	39	35	89.74	2	4

TABLE "C" — Infectious Disease Notifications from Schools

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
German Measles	1	—	3	—	2	7	—	—	—	1	—	—
Chicken Pox	36	4	6	3	4	4	—	—	—	29	16	3
Mumps	63	41	55	24	23	36	8	—	—	1	—	—
Scarlet Fever	—	—	—	—	—	1	—	—	—	—	—	—
Shingles	—	—	—	—	—	1	—	—	—	—	—	—
Winter Vomiting	—	—	—	—	145	2	15	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	1
Impetigo	—	—	—	—	—	—	—	—	—	4	—	—
Virus Infection	—	—	—	—	—	117	—	—	—	—	—	—
Measles	—	—	—	1	77	161	60	—	—	—	2	—
Ringworm	—	—	1	—	—	—	—	—	—	—	—	1
Conjunctivitis	—	—	2	—	—	—	—	—	—	—	—	—

TABLE "D" — Notifications of Infectious Diseases During 1970

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Males	Females	Total
Scarlet Fever	—	—	—	—	—	1	—	—	—	—	1	1	1	2	3
Measles	—	—	8	19	92	171	98	59	7	3	—	—	227	230	457
Viral Encephalitis	—	—	—	—	—	—	4	—	—	—	—	—	4	—	4
Non-Pulmonary T.B.	—	—	—	—	—	—	—	—	1	—	—	—	1	—	1
Males	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary T.B.	—	—	—	—	—	—	—	—	1	2	—	—	3	—	3
Males	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females	—	—	—	—	—	—	1	1	—	1	—	—	—	3	3
Meningitis	—	—	—	1	—	—	—	—	—	—	—	—	—	1	1
Food Poisoning (Salmonella Infection)	—	—	—	—	—	—	—	—	1	—	—	—	1	—	1
Streptococcal Infection	—	—	—	1	—	—	—	—	—	—	—	—	—	1	1

TABLE "E" — Notifiable Diseases during the Year 1970

Diseases	Age un- known	Under 1	1- 2	2- 3	3- 4	4- 5	5- 6	6- 10	10- 14	15- 19	20- 34	35- 44	45- 65	65 +	Total 1970	Total 1969	Increase or Decrease
Scarlet Fever	—	—	—	—	—	—	1	2	—	—	—	—	—	—	3	1	+ 2
Measles	12	21	36	41	47	72	94	121	9	2	2	—	—	—	457	73	+ 384
Non-Pulmonary T.B.																	
Males	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	+ 1
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary T.B.																	
Males	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	6	— 3
Females	—	—	—	—	—	—	—	—	—	—	—	1	1	1	3	1	+ 2
Meningitis	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	2	— 1
Food Poisoning (Salmonella Infection)	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	5	— 4
Viral Encephalitis	—	—	—	—	—	—	—	2	1	—	1	—	—	—	4	—	+ 4
Streptococcal Infection	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—	+ 1

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